

=> d his nofile

(FILE 'HOME' ENTERED AT 16:03:41 ON 14 FEB 2006)

FILE 'LREGISTRY' ENTERED AT 16:04:49 ON 14 FEB 2006

L1 0 SEA ABB=ON YDWRFNAF.Y|YDFRWNAF.Y|YDHFRWAF.Y/SQSFP

FILE 'REGISTRY' ENTERED AT 16:05:39 ON 14 FEB 2006

L2 21 SEA ABB=ON YDWRFNAF.Y|YDFRWNAF.Y|YDHFRWAF.Y/SQSFP
SAVE TEMP L2 GUD394SEQ/A

FILE 'CAPLUS' ENTERED AT 16:06:22 ON 14 FEB 2006

L3 13 SEA ABB=ON L2

FILE 'REGISTRY' ENTERED AT 16:06:26 ON 14 FEB 2006

FILE 'REGISTRY' ENTERED AT 16:06:40 ON 14 FEB 2006

D QUE L2

D RN CN SQL KWIC NTE LC 1-21 L2

FILE 'CAPLUS, CASREACT, USPATFULL, TOXCENTER' ENTERED AT 16:07:35 ON 14
FEB 2006

L4 22 SEA ABB=ON L2

L5 15 DUP REM L4 (7 DUPLICATES REMOVED)

ANSWERS '1-13' FROM FILE CAPLUS

ANSWERS '14-15' FROM FILE USPATFULL

D IBIB ED ABS HITRN 1-15

FILE 'HOME' ENTERED AT 16:08:01 ON 14 FEB 2006



=>

Sequence Family Search of Proteins (/sqsf)

In the sequence family search, each amino acid in the query has to match either the exact amino acid or a family member equivalent, as shown in the Family Equivalence Table below. The Family Equivalence Table is applied only to each common amino acid in the sequence. Specific uncommon amino acids may be included in the sequence; however, family equivalents only exist for the common amino acids. An amino acid family is based on a conservative substitution of amino acids sharing a similar chemical property. Each common amino acid in the query is converted to its family class members in a search. A match occurs on a query sequence if each amino acid is exactly matched or any of its family members are encountered. For example, the Hydrophobic-Aromatic family consists of the common amino acids F, W, and Y. If the amino acid F is specified within a sequence exact family search, it will match on amino acids F, W, or Y.

FAMILY EQUIVALENCE TABLE

Family Class Name	Family Class Members
Neutral-Weakly Hydrophobic	Ala (A), Gly (G), Pro (P), Ser (S), Thr (T)
Hydrophilic-Acid Amine	Asn (N), Asp (D), Gln (Q), Glu (E)
Hydrophilic-Basic	Arg (R), His (H), Lys (K)
Hydrophobic	Ile (I), Met (M), Leu (L), Val (V)
Hydrophobic-Aromatic	Phe (F), Trp (W), Tyr (Y)
Crosslinking	Cys (C)



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Range: from to Features: ☐ SNP ☒ CDD ☒ MGC ☒ HPRD ☒ STS ☒ tRNA

☐ 1: AAU94398. Reports At1g06100 [Arabid...[gi:53828577]

BLink, Conserved
Domains, Links

Features Sequence



LOCUS AAU94398 299 aa linear PLN 06-OCT-2004
DEFINITION At1g06100 [Arabidopsis thaliana].
ACCESSION AAU94398
VERSION AAU94398.1 GI:53828577
DBSOURCE accession [BT015835.1](#)
KEYWORDS .
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM [Arabidopsis thaliana](#)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE 1 (residues 1 to 299)
AUTHORS Kim,C.J., Chen,H., Cheuk,R., Shinn,P. and Ecker,J.R.
TITLE Arabidopsis ORF clones
JOURNAL Unpublished
REFERENCE 2 (residues 1 to 299)
AUTHORS Kim,C.J., Chen,H., Cheuk,R., Shinn,P. and Ecker,J.R.
TITLE Direct Submission
JOURNAL Submitted (06-OCT-2004) Salk Institute Genomic Analysis Laboratory
(SIGnAL), Plant Biology Laboratory, The Salk Institute for
Biological Studies, 10010 N. Torrey Pines Road, La Jolla, CA 92037,
USA
COMMENT Method: conceptual translation.
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Protein 1..299
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121 tdsdrdphsp iegfwfshvl wifdtdyire kcgrnnvmd lkqqwfyrfl kktlvlhila
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241 mgeswhnnhh afetsarhgl ewyqlditwy liwffqalgl atnvlkptda qkrkmairr

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Range: from to
 Features:
 ☐ SNP
 ☒ CDD
 ☒ MGC
 ☒ HPRD
 ☒ STS
 ☒ tRNA

☐ 1: [AAT47784](#). Reports At1g06100 [Arabid...[gi:48958463]

[BLink](#),
 [Conserved Domains](#),
 [Links](#)

Features Sequence

LOCUS AAT47784 299 aa linear PLN 19-JUN-2004
 DEFINITION At1g06100 [Arabidopsis thaliana].
 ACCESSION AAT47784
 VERSION AAT47784.1 GI:48958463
 DBSOURCE accession [BT014933.1](#)
 KEYWORDS .
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM [Arabidopsis thaliana](#)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons;
 rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
 REFERENCE 1 (residues 1 to 299)
 AUTHORS Cheuk,R., Chen,H., Kim,C.J., Shinn,P. and Ecker,J.R.
 TITLE Arabidopsis ORF clones
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 299)
 AUTHORS Cheuk,R., Chen,H., Kim,C.J., Shinn,P. and Ecker,J.R.
 TITLE Direct Submission
 JOURNAL Submitted (19-JUN-2004) Salk Institute Genomic Analysis Laboratory
 (SIGnAL), Plant Biology Laboratory, The Salk Institute for
 Biological Studies, 10010 N. Torrey Pines Road, La Jolla, CA 92037,
 USA
 COMMENT Method: conceptual translation.
 FEATURES Location/Qualifiers
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 /db_xref="taxon:[3702](#)"
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 Region 62..263
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181 fwtliylwgg lpyltwtvgf ggvigyhgtw lvnsachicg sqawqtndts rnvwwlallt
241 mgeswhnnhh afetsarhgl ewyqlditwy liwffqalgl atnvlkptda qkrkmairr
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